

2. (Amended) The method of claim 1, wherein said 2-oxetanone size is made from a mixture of saturated linear-chain and saturated branched-chain fatty acids.

3. (Amended) The method of claim 1, wherein said 2-oxetanone size is made from a mixture of saturated fatty acids with the proportion of linear-chain and branched-chain fatty acids in the order of 1 to 1.

4. (Amended) The method of claim 1, wherein the 2-oxetanone size is made from a mixture of fatty acids wherein said at least one branched-chain fatty acid comprises at least 40% of said mixture.

5. (Amended) The method of claim 1, wherein said at least one branched-chain fatty acid is isostearic acid.

13. (Amended) A method of manufacturing a paper of mono- and multi-colour ink-jet printable grade from fiber pulp slurry into a paper web, the method containing a step of adding a size onto the paper web, wherein the size is a 2-oxetanone based size manufactured from a plurality of saturated fatty acids having a main chain comprising 6 to 22 carbons essentially free of unsaturated bonds, and wherein at least one said fatty acid comprises a branched chain.

14. (Amended) The method of claim 13, wherein said 2-oxetanone is made from a mixture of a linear-chain and a branched-chain fatty acids.

19. (Amended) The method of claim 13, including further a stock sizing step where a 2-oxetanone based stock size is used which is manufactured from greater number than one of fatty acids, the acids having a main chain comprising 6 to 22 carbons linked to each other by saturated bonds, and of which acids at least one is an acid with a branched chain.